

CLAIMS

1. A bonding method of a ceramic honeycomb structure formed by bundling a plurality of porous honeycomb segments through adhesive layers, where the porous honeycomb segments are provided with numerous circulation holes partitioned by partition walls and penetrated in an axial direction,

wherein the respective pieces of the porous honeycomb segments are stacked while interposing the adhesive layers between respective adhered surfaces, and

the porous honeycomb segments are bonded together by performing main pressurization on the whole through the porous honeycomb segments located on an outermost layer after stacking a predetermined number of pieces.

2. The bonding method of a ceramic honeycomb structure according to claim 1,

wherein the respective porous honeycomb segments are subjected to preliminary pressurization at the time of stacking by weaker pressure than the main pressurization.

3. The bonding method of a ceramic honeycomb structure according to claim 2,

wherein the preliminary pressurization is performed at pressure equal to or below 0.5 kgf/cm².